

## SEQUENCE LISTING

<110> Medical & Biological Laboratories Co.,Ltd.

<120> Method for detecting acetyltransferase and deacetylase activities and method  
for screening inhibitors and enhancers of these enzymes

<130> M3-001PCT

<140>

<141>

<150> JP 1998-9171

<151> 1998-01-20

<160> 20

<170> PatentIn Ver. 2.0

<210> 1

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD\_RES

<222> (7)

<223> ACETYLATION

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 1

Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Cys

09618424.071800

1 5 10

<210> 2

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 2

Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Cys

1 5 10

<210> 3

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD\_RES

<222> (7)

<223> ACETYLTATION

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 3

Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg Cys

1 5 10

008720-1248T960

<210> 4

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 4

Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg Cys

1

5

10

<210> 5

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 5

gcgggatccc agaataggta tcatttctgt gag

33

<210> 6

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

008T20" 4248T960

<400> 6

agactcgagc ttgcactcgt tgcaggtgta gac

33

<210> 7

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 7

tatggatcca tgctggagga ggagatctat g

31

<210> 8

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 8

tatctcgagc ttgtcaatga ggcctccctc c

31

<210> 9

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

008T20"4248T960

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 9

cgcggatcca tggcgagac gcagggcacc

30

<210> 10

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 10

cgccctcgagg gccaaactga cctcctcctt

30

<210> 11

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 11

cgcggatcca tggccaagac cgtggcggtat

30

<210> 12

<211> 30

<212> DNA

008740-4248T960

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
Synthesized Primer Sequence

<400> 12

cgccctcgaga atctccacat cgcttcctt

30

<210> 13

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 13

Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu

1

5

10

<210> 14

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 14

Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg

1

5

10

09618424.071800

<210> 15

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
synthesized primer sequence

<400> 15

tatggatcca agaggaagag aatctccgc

29

<210> 16

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially  
synthesized primer sequence

<400> 16

tatctcgagg tctgagtcag gcccttctga

30

<210> 17

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD\_RES

<222> (7)

008720-12487950

<223> ACETYLATION

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 17

Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu

1 5 10

<210> 18

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD\_RES

<222> (7)

<223> ACETYLATION

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 18

Ser His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg

1 5 10

<210> 19

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

008120"4248T960



<221> MOD\_RES

<222> (5)

<223> ACETYLATION

<220>

<221> MOD\_RES

<222> (8)

<223> ACETYLATION

<220>

<221> MOD\_RES

<222> (12)

<223> ACETYLATION

<220>

<221> MOD\_RES

<222> (16)

<223> ACETYLATION

<220>

<223> Description of Artificial Sequence:Artificial  
Sequence

<400> 19

Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys

1

5

10

15

Arg His Arg Lys Cys

20

<210> 20

<211> 21

<212> PRT

<213> Artificial Sequence

09618424.071800

&lt;220&gt;

<223> Description of Artificial Sequence:Artificial  
Sequence

&lt;400&gt; 20

Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys

1

5

10

15

Arg His Arg Lys Cys

20

008720"4248T960